



FORM PTO-1449

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Patent and Trademark OfficeAtty Docket No.
P1543R1Serial No.
09/449,204Applicant
Dodge et al.Filing Date
24 Nov 1999Group
1643

LIST OF DISCLOSURES CITED BY APPLICANT

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

Examiner Initials		Document Number	Date	Name	Class	Subclass	Filing Date
<i>FL</i>	1	5,270,163	14.12.93	Gold et al.			
<i>FL</i>	2	5,475,096	12.12.95	Gold et al.			
<i>FL</i>	3	5,496,938	05.03.96	Gold et al.			
<i>FL</i>	4	5,631,146	20.05.97	Szostak et al.			
<i>FL</i>	5	5,652,107	29.07.97	Lizardi et al.			
<i>FL</i>	6	5,688,670	18.11.97	Szostak et al.			
<i>FL</i>	7	5,750,373	12.05.98	Garrard et al.			
<i>FL</i>	8	5,928,907	27.07.99	Woudenberg et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initials		Document Number	Date	Country	Class	Subclass	Translation Yes No
<i>FL</i>	9	WO 96/40991	19.12.96	PCT			
<i>FL</i>	10	WO 97/38134	16.10.97	PCT			
<i>FL</i>	11	WO 98/11210	19.03.98	PCT			

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)

<i>FL</i>	12	Becker-Andre, M., "Quantitative evaluation of mRNA levels" <u>Methods in Molecular and Cellular Biology</u> 2:189-201 (1991)
<i>FL</i>	13	Chang and Huang, "A modified immuno-polymerase chain reaction for the detection of β -glucuronidase from <i>Escherichia coli</i> " <u>Journal of Immunological Methods</u> 208(1):35-42 (Oct 13, 1997)
<i>FL</i>	14	Charlton et al., "In vivo imaging of inflammation using an aptamer inhibitor of human neutrophil elastase" <u>Chemistry and Biology</u> 4(11):809-816 (Nov 1997)
<i>FL</i>	15	Conrad et al., "In vitro selection of nucleic acid aptamers that bind proteins" <u>Methods in Enzymology</u> 267:336-367 (1996)
<i>FL</i>	16	Davis et al., "Use of a high affinity DNA ligand in flow cytometry" <u>Nucleic Acids Research</u> 24(4):702-706 (Feb 15, 1996)
<i>FL</i>	17	Drolet et al., "An enzyme-linked oligonucleotide assay" <u>Nature Biotechnology</u> 14(8):1021-1025 (Aug 1996)
<i>FL</i>	18	Dutton, G., "Developing PCR tests for real-world commercial applications" <u>Genetic Engineering News</u> 18(10):1,12,30,33 (May 15, 1998)
<i>FL</i>	19	Ellington and Szostak, "In vitro selection of RNA molecules that bind specific ligands" <u>Nature</u> 346(6287):818-822 (Aug 30, 1990)
<i>FL</i>	20	Ellington and Szostak, "Selection in vitro of single-stranded DNA molecules that fold into specific ligand-binding structures" <u>Nature</u> 355(6363):850-852 (Feb 27, 1992)
<i>FL</i>	21	Ellington, A., "RNA selection. Aptamers achieve the desired recognition" <u>Current Biology</u> 4(5):427-429 (May 1, 1994)
<i>FL</i>	22	Fasco et al., "Quantitative RNA-polymerase chain reaction-DNA analysis by capillary electrophoresis and laser-induced fluorescence" <u>Analytical Biochemistry</u> 224(1):140-147 (Jan 1, 1995)

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23	Ferre, F., "Quantitative or semi-quantitative PCR: reality versus myth" <u>PCR Methods & Applications</u> 2(1):1-9 (Aug 1992)
24	Gibson et al., "A novel method for real time quantitative RT-PCR" <u>Genome Research</u> 6(10):995-1001 (Oct 1996)
25	Green et al., "In vitro genetic analysis: selection and amplification of a rare functional nucleic acids" <u>Methods: A Companion to Methods in Enzymology</u> 2(1):75-86 (Feb 1991)
26	Griswold, W., "Theoretical analysis of the reaction of multivalent antigen with heterogeneous antibody: a model of soluble phase antibody assays" <u>Journal of Immunoassay</u> 8(1):145-171 (1987)
27	Heid et al., "Real time quantitative PCR" <u>Genome Research</u> 6(10):986-994 (Oct 1996)
28	Hendrickson et al., "High sensitivity multianalyte immunoassay using covalent DNA-labeled antibodies and polymerase chain reaction" <u>Nucleic Acids Research</u> 23(3):522-529 (Feb 11, 1995)
29	Hnatowich et al., "Protein labelling via deoxyribonucleic acid hybridization" <u>Nuclear Medicine Communications</u> 17(1):66-75 (Jan 1996)
30	Joerger et al., "Analyte detection with DNA-labeled antibodies and polymerase chain reaction" <u>Clinical Chemistry</u> 41(9):1371-1377 (Sep 1995)
31	Kawazoe et al., "Bioassay using a labeled oligonucleotide obtained by in vitro selection" <u>Biotechnology Progress</u> 13(6):873-874 (Nov-Dec 1997)
32	Kellogg et al., "Quantitation of HIV-1 proviral DNA relative to cellular DNA by the polymerase chain reaction" <u>Analytical Biochemistry</u> 189(2):202-208 (Sep 1990)
33	Lentz et al., "Detection of low copy number inversions in mouse genomic DNA with unidirectional PCR primers" <u>Environmental & Molecular Mutagenesis</u> 30(3):260-263 (1997)
34	Lin and Jayasena, "Inhibition of multiple thermostable DNA polymerases by a heterodimeric aptamer" <u>Journal of Molecular Biology</u> 271(1):100-111 (Aug 8, 1997)
35	Niemeyer et al., "Fluorometric polymerase chain reaction (PCR) enzyme-linked immunosorbent assay for quantification of immuno-PCR products in microplates" <u>Analytical Biochemistry</u> 246(1):140-145 (Mar 1, 1997)
36	Numata and Matsumoto, "Rapid detection of α -human atrial natriuretic peptide in plasma by a sensitive immuno-PCR sandwich assay" <u>Clinica Chimica Acta</u> 259(1-2):169-176 (Mar 18, 1997)
37	O'Connor et al., "The dependence of the detection limit of reagent-limited immunoassay on antibody affinity" <u>Biochemical Society Transactions</u> 23(2):393S (May 1995)
38	Pang et al., "High levels of unintegrated HIV-1 DNA in brain tissue of AIDS dementia patients" <u>Nature</u> 343(6253):85-89 (Jan 4, 1990)
39	Platak et al., "High levels of HIV-1 in plasma during all stages of infection determined by competitive PCR" <u>Science</u> 259(5102):1749-1754 (Mar 19, 1993)
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